

INSTALLATION INSTRUCTIONS • SX4® FX / LOOP TRAY

1. Loosen the Captive Retaining Screws (These captive screws will loosen but not come out)
2. While pulling on the Effects Drawer, release the Safety Latch and pull out draw from the SX4® Housing.
3. Push the Tension Roller towards the Drive Roller until it which engages the Tension Roller Catch, holds it in the loading position.
4. Slide the Fixable over the rollers. (Due to the small space between the roller assembly and the inside of the housing, the loading is easier if the housing is sitting on edge - not resting flat.) Some of the more open loops, such as Fire and Clouds, tend to catch on the shoulder of the roller. Sometimes it's easier to advance the loop around the rollers as you are loading to clear the inevitable snagging of the loop.)
5. Be sure the FX/Loop rests between the brass shoulders of the drive roller.
6. Release the Tension Roller Catch slowly and allow the Tension Roller to extend fully. (Don't allow the roller to snap out - this could damage the loop).
7. Confirm that the loop is contacting the rollers squarely.
8. Plug the unit in and confirm proper functioning.
9. Install the Effects Drawer into the SX4® Housing - The drawer will have a positive snap when the safety catch is engaged.

NOTE; It is important that the screws be tightened completely. DO NOT depend on the safety latch to hold the Effects Drawer securely.

USING THE SX4®

The unit can be oriented with the FX/Loop running horizontally, vertically or any direction in between. Loosen the retaining screws and knob. The barrel can be adjusted about 25° on either side of the vertical. To adjust beyond 25° requires loosening the barrel screw and knob more. BE CAREFUL NOT TO LET THE BARREL FALL OUT !!

The FX/Loop runs in two planes separated by about 1.25 inches. The lens can be adjusted (by sliding the lens tube in and out of the barrel) to focus on one plane or the other or somewhere between the two. Focus on one plane and leave the other plane very much out of focus to achieve an ambiguous direction to the effect. Focus between the two planes leaves both out of focus. Many effects, (even the most realistic) benefit from being a bit out of focus. Other effects yield surprising results when very out of focus. It's worth the time to experiment.

Also worthy of experimentation is to use the another moving effect (GAM TwinSpin II or Film/FX) in the iris/FX slot. This too is on a different focal plane than the film loop, but as you will see, it can offer some unusual effects.

REVERSE SWITCH

The SX4® has a built-in Forward/Reverse Switch for the occasion when the chosen focus effect works well on one focus setting but the effect is traveling in the wrong direction.

SAFETY LOOP

Attach a safety cable to the provided Safety loop on the bottom of the Effects Drawer and to the yoke or light pipe.

TIPS

- For longest life and for the most effective image, be sure to adjust the centering and flatness of field of the lamp - NO HOT SPOT IN THE CENTER
- Hot spots will cause uneven heating and wear on the FX/Loop and shorten their useful life.
- Always have the FX/Loop in motion before the light comes on. Don't allow the FX/Loop to be still in the gate as this will allow one section to heat up and will shorten the life of the loop (especially if concentrated on the seam).
- Shipping and Storage: To prevent damage to the screws or to the mechanism, be sure the drawer Retaining Screws are tightened securely.

1* This conversion eliminates the framing shutters. The Iris/FX slot is retained.

2* XLR connections;

Pin 1= Common

Pin 2= FAN +12 v

Pin 3= Effects Motor /speed control +12 v

**SX4® EFFECTS TRAY
Interior**